

17157 U.S. PTO
030104

UTILITY PATENT APPLICATION TRANSMITTAL
(for Noncontinuing, Nonprovisional Applications
under 37 C.F.R. § 1.53(b))

Attorney Docket No. 81671

Customer No. 22242

22390 U.S. PTO
10/791209
030104

Mail Stop PATENT APPLICATION
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing under 37 C.F.R.
§ 1.53(b) is the nonprovisional, noncontinuing
patent application for:

Title: DETECTION OF STRP, SUCH AS
FRAGILE X SYNDROME

First Named Inventor or Application Identifier:

Soonkap Hahn

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

"Express Mail" Mailing Label Number

EV 410721547 US

Date of Deposit March 1, 2004

I hereby certify that this paper or fee is being deposited
with sufficient postage utilizing the United States
Postal Service "Express Mail Post Office to Addressee"
Service under 37 CFR § 1.10 on the date indicated
above and is addressed to the Commissioner for
Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Karin E. Harden

(Typed or printed name of person mailing)

Karin E. Harden
(Signature of person mailing)

- ☐ 31 pages of the specification (including claims) are enclosed.
- ☐ 0 sheet(s) of drawings are enclosed. ☐ Formal ☐ Informal
- ☒ An executed Oath or Declaration and Power of Attorney naming the actual inventors is enclosed.
- ☐ The names of persons believed to be the actual inventors are set forth in the enclosed unexecuted Oath or Declaration and Power of Attorney (§ 1.41(a) and § 1.53(b)).
- ☐ An Assignment of the invention to _____, and cover sheet are enclosed.
- ☐ A check in the amount of \$_____ to cover the fee for recording the assignment is enclosed.
- ☐ The Recordation Form Cover Sheet includes authorization to charge our Deposit Account for recording the assignment.
- ☐ A 37 C.F.R. § 3.73(b) statement is enclosed where an assignee seeks to take action.
- ☐ An Information Disclosure Statement is enclosed.
- ☐ A Form PTO/SB/08 is enclosed.
- ☐ _____ References (copies) listed as foreign patent documents or non-patent literature on Form PTO/SB/08 (37 C.F.R. § 1.98(a)(2)) are enclosed.

- ☒ A Return Receipt Postcard is enclosed (MPEP §503).
- ☐ Priority of application number _____ filed on _____ in _____
_____ is claimed under 35 U.S.C. §119.
- ☐ A certified copy of the priority document is enclosed.
- ☐ A Computer Program Listing Appendix is enclosed.
- ☐ A Transmittal Cover Letter for Computer Program Listing Appendix is enclosed.
- ☐ Two (2) Compact Discs are enclosed.
- ☒ A Nucleotide and/or Amino Acid Sequence Submission is enclosed.
- ☒ A Computer Readable Copy is enclosed.
- ☒ A Paper Copy (Identical to Computer Copy) is enclosed as pages 22 and 23.
- ☒ A Statement Verifying Identity of above Copies is enclosed.
- ☒ The filing fee is calculated below:

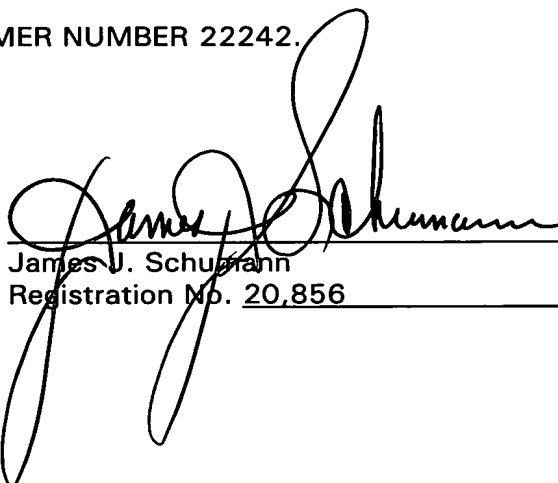
Fee Calculation For Claims As Filed

Basic Fee								\$	770.00
Independent Claims	5	-	3	=	2	x	\$ 86.00	=	\$ 172.00
Total Claims	21	-	20	=	1	x	\$ 18.00	=	\$ 18.00
Fee for Multiply Dependent Claims							\$ 290.00		
							Total Filing Fee	\$	960.00

- ☒ Applicant(s) assert entitlement to Small Entity Status
(37 C.F.R. § 1.27), reducing the Filing Fee by half to: \$ 480.00
- ☐ A check in the amount of \$ _____ to cover the filing fee is enclosed.
- ☒ Charge \$ 480.00 to Deposit Account No. 06-1135.
- ☐ The payment of the Filing Fee is to be deferred until the Declaration is filed. Do not charge our Deposit Account.
- ☒ A separate written request under 37 C.F.R. §1.136(a)(3), which is a general authorization to treat any concurrent or future reply requiring a petition for an extension of time under 37 C.F.R. §1.136(a) for its timely submission as incorporating a petition for an extension of time for the appropriate length of time, is enclosed.

- ☒ The Director is hereby authorized to charge any additional fees which may be required in this application under 37 C.F.R. §§1.16-1.17 during its entire pendency, or credit any overpayment, to Deposit Account No. 06-1135. Should no proper payment be enclosed herewith, the Director is authorized to charge the unpaid amount to Deposit Account No. 06-1135. This sheet is filed in triplicate.
- ☒ Also enclosed:
Application Data Sheet
- ☒ Address all future communications to CUSTOMER NUMBER 22242.

March 1, 2004
Date


James J. Schumann
Registration No. 20,856

FITCH, EVEN, TABIN & FLANNERY
120 South LaSalle Street, Suite 1600
Chicago, Illinois 60603-3406
Telephone: (312) 577-7000
Facsimile: (312) 577-7007

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**FEE TRANSMITTAL
for FY 2004**

Effective 10/01/2003. Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27**Complete if Known**

Application Number	TBD
Filing Date	March 1, 2004
First Named Inventor	Soonkap Hahn
Examiner Name	TBD
Art Unit	TBD
Attorney Docket No.	81671

TOTAL AMOUNT OF PAYMENT (\$) 480.00**METHOD OF PAYMENT (check all that apply)**☐ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None☒ Deposit Account
 Deposit Account Number: 06-1135
 Deposit Account Name: Fitch, Even, Tabin & Flannery

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments☐ Charge any additional fee(s) or any underpayment of fee(s)☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	770	2001	385	Utility filing fee	385.00
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)					(\$385.00)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
21	-20**= 1	X 9	= 9
Independent Claims	5	-3**= 2	X 43 = 86.00
Multiple Dependent			

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1202	18	2202	9	Claims in excess of 20	
1201	86	2201	43	Independent claims in excess of 3	
1203	290	2203	145	Multiple dependent claim, if not paid	
1204	86	2204	43	**Reissue independent claims over original patent	
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)					(\$195.00)

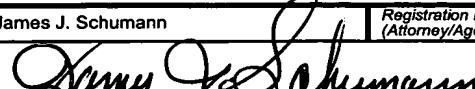
**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	2809	385	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	
Other fee (specify)					
SUBTOTAL (3)					(\$ 0)

*Reduced by Basic Filing Fee Paid

SUBMITTED BY**Complete (if applicable)**

Name (Print/Type)	James J. Schumann	Registration No. (Attorney/Agent)	20,856	Telephone	858-552-1311
Signature		Date	March 1, 2004		

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization of PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 37 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450 Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named

Inventor: Soonkap Hahn

Filed: Herewith

Title: DETECTION OF STRP, SUCH AS
FRAGILE X SYNDROME

Attorney Docket No.: 81671

Customer No.: 22242

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

"Express Mail" Mailing Label Number

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Karin E. Harden

(Typed or printed name of person mailing)



(Signature of person mailing)

**GENERAL AUTHORIZATION FOR PETITION FOR
EXTENSION OF TIME UNDER 37 C.F.R. §1.136(a)(3)**

Mail Stop PATENT APPLICATION

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

Applicant(s) hereby request under 37 C.F.R. §1.136(a)(3) by this general authorization that any concurrent or future reply submitted by Applicant(s) to the United States Patent and Trademark Office for the above-identified patent application requiring a petition for an extension of time under §1.136(a) for its timely submission be treated as incorporating therein a petition for an extension of time for the appropriate length of time.

If Applicant(s) do not timely pay for any extension fee(s) pursuant to 37 C.F.R. §1.136(a) which may become due for this application under 37 C.F.R. §1.17 by check, the Director is hereby authorized to charge such fee(s), and any additional fees which may be required in this application under 37 C.F.R. §§1.16-1.17 during its entire pendency, or credit any overpayment, to Deposit Account No. 06-1135.

March 1, 2004

Date



James J. Schumann

Registration No. 20,856

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